

10/562065

IAP20 RECEIVED 22 DEC 2005

Docket No.: 0171-1251PUS1  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Takuji YOSHIMOTO et al.

Application No.: NEW

Confirmation No.: N/A

Filed: December 22, 2005

Art Unit: N/A

For: 1, 4-BENZODIOXANE SULFONIC ACID  
COMPOUND AND USE THEREOF AS  
ELECTRON-ACCEPTOR MATERIAL

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Assignment Recordation Services  
Director of the US Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

JP Patent No. 6-199825 corresponds to US Patent No. 5,387,681

A summary/abstract translation of the non-English language references is enclosed. Also, JP Patent No. 2002-151272 all Non-Patent literatures are discussed on pages 1,2,21 and 22 of the present Specification.

Birch, Stewart, Kolasch & Birch, LLP

GMM//smt

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.C./

Application No.: NEW

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Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

A concise explanation of relevance of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

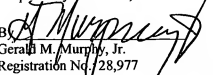
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: December 22, 2005

Respectfully submitted,



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PTO/5B/08a/s (07-05)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	NEW 62065
		Filing Date	December 22, 2005
		First Named Inventor	Takuji YOSHIMOTO
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Sheet 1 of 1	Attorney Docket Number	0171-1251PUS1	

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	AA*	US-5,387,681-A	02-07-1995	Miller et al.

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	BA	JP-6-199825-A	07-19-1994	
	BB	FR-2747678-A1	10-24-1997	
	BC	JP-2001-106782-A	04-17-2001	
	BD	JP-2003-338379-A	11-28-2003	
	BE	JP-2002-151272-A	05-24-2002	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.88(a)(2)(ii)) because that application was filed after June 30, 2003 or is available in the IPW. \* Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \* Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	CA	C. W. Tang et al., Applied Physics Letters, U.S., vol. 51, (12), 21 September 1987, p. 913 to 915		
	CB	J. H. Burroughes et al., Nature, England, vol. 347, 11 October 1990, p. 539 to 541		
	CC	S. A. Van Slyke et al., Applied Physics Letters, U.S., vol. 69, 7 October 1996, p. 2160 to 2162		
	CD	G. Gustafsson et al., Nature, England, vol. 357, 11 June 1992, p. 477 to 479		
	CE	Y. Yang et al., Applied Physics Letters, U.S., vol. 64 (10) 7 March 1994, p. 1245 to 1247		
	CF	Jayesh Bharathan et al., Applied Physics Letters, U.S., vol. 72 no. 21, 25 May 1998, p. 2660 to 2662		
	CG	Takeo Wakimoto et al., IEEE Transactions on Electron Devices, U.S., vol. 44, no. 8, August 1997, p. 1245 to 1248		
	CH	L. S. Hung et al., Applied Physics Letters, U.S., vol. 70 (2) 13 January 1997, p. 152 to 154		
	CI	Chimed GANZORIG et al., Japanese Journal of Applied Physics, vol. 38 (1999) p. L1348 to L1350		
	CJ	Juzo Nakayama et al., Heterocycles, vol. 26, no. 4, 1987, p. 939 to 942		
	CK	Juzo Nakayama et al., Heterocycles, vol. 26, no. 7, 1987, p. 1793 to 1796		
	CL	Miyoko OCHI et al., Bulletin of Chemical Society of Japan, vol. 67, 1994, p. 1749 to 1752		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Applicant's unique citation designation number (optional). \*Applicant is to place a check mark here if English language Translation is attached.

/Raymond Covington/ au 1625 7/16/2009

Examiner Signature	Date Considered
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Birch, Stewart, Kolasch & Birch, LLP

GMM/smt

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.C./